

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A lighting apparatus, comprising:

a reflecting surface for reflecting light, formed on a circuit board;

an LED light source for emitting illumination light with a plurality of light-emitting diodes mounted on said circuit board~~a light-emitting diode, mounted on a part of said reflecting surface~~; and

a single reflector, having a substantially rectangular shape in plan perpendicular to a light-emitting direction of the LED light source and having ~~at least four curved reflecting surfaces~~, for reflecting ahead the light emitted from said LED light source, the reflector being formed independently from the reflecting surface and provided above the reflecting surface so as to surround the LED light source, and said reflector having an opened rear thereof closed by said reflecting surface when mounted on said circuit board; and

a claw extending from the single reflector for mounting the single reflector on the circuit board, the claw having a horizontal arm, a first end of which being attached directly to an external side surface of the single reflector, and a vertical arm that extends from a second end, opposite to the first end, of the horizontal arm and penetrating through the circuit board, the vertical portion having an engagement portion that engages with a rear surface of the circuit board,

wherein the lighting apparatus is a flash device of a camera.

2. (Original) The lighting apparatus according to claim 1, wherein said reflecting surface is formed by gold-plating.

3. (Original) The lighting apparatus according to claim 1, wherein said LED light source is a surface-mounted white light-emitting chip LED and is surface-mounted on said reflecting surface.

4. (Canceled)

5. (Previously Presented) The lighting apparatus according to claim 1, further comprising:

an optical component placed on said reflector for expanding and flooding ahead the light emitted from said LED light source.

6. (Currently Amended) A lighting apparatus, comprising:

a circuit board;

an LED light source ~~mounted on said circuit board~~ for emitting illumination light with a plurality of light-emitting diodes mounted on said circuit board; ~~a light-emitting diode; and~~

a single reflector, having a substantially rectangular shape in plan view and having ~~at least four curved~~ reflecting surfaces, for reflecting ahead the light emitted from said LED light source, said reflector being mounted directly on said circuit board, and having an internal

reflecting surface that surrounds the rear side and side surface side of the LED light source; and
~~LED light source~~,

a claw extending from the single reflector for mounting the single reflector on the circuit board, the claw having a horizontal arm, a first end of which being attached directly to an external side surface of the single reflector, and a vertical arm that extends from a second end, opposite to the first end, of the horizontal arm and penetrating through the circuit board, the vertical portion having an engagement portion that engages with a rear surface of the circuit board,

wherein the lighting apparatus is a flash device of a camera, and

wherein the single reflector includes at least four curved reflecting surfaces.

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Original) The lighting apparatus according to claim 6, wherein said LED light source has a lead terminal, and said lead terminal is put through a hole provided on said reflector and is joined with a predetermined pad of a circuit board so as to mount said LED light source on said circuit board.

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (Canceled)

19. (Canceled)

20. (Canceled)

21. (Previously Presented) The lighting apparatus according to claim 1,
wherein said circuit board defines a mounting hole, and said reflector is provided with a claw

extending directly from an external surface of the reflector, the claw being adapted to engage with a periphery of the mounting hole.

22. (Previously Presented) The lighting apparatus according to claim 1, wherein said reflector protrudes from said circuit board when mounted on said circuit board.

23. (Currently Amended) A lighting apparatus for a digital camera, comprising:
a reflecting surface for reflecting light, formed on a circuit board;
an LED light source for emitting illumination light with a plurality of light emitting diodes mounted on said circuit board;~~a light emitting diode, mounted on a part of said reflecting surface;~~ and

a single reflector, having a substantially rectangular shape in plan perpendicular to a light-emitting direction of the LED light source and having ~~at least four curved~~ reflecting surfaces, for reflecting ahead the light emitted from said LED light source, the reflector being formed independently from the reflecting surface and mounted above the reflecting surface so as to surround only the LED light source, and said reflector having an opened rear thereof closed by said reflecting surface when mounted on said circuit board; ~~and said circuit board;~~

a claw extending from the single reflector for mounting the single reflector on the circuit board, the claw having a horizontal arm, a first end of which being attached directly to an external side surface of the single reflector, and a vertical arm that extends from a second end, opposite to the first end, of the horizontal arm and penetrating through the circuit board, the

vertical portion having an engagement portion that engages with a rear surface of the circuit board,

wherein the single reflector includes at least four curved reflecting surfaces.

24. (Canceled)

25. (Previously Presented) The lighting apparatus according to claim 6,
wherein

said circuit board defines a mounting hole for allowing the vertical arm to extend
therethrough, and

~~—said reflector has a claw extending directly from an external surface of the reflector, the
claw being adapted to engage with the mounting hole defined by the circuit board.~~

26. (Previously Presented) The lighting apparatus according to claim 1,
wherein the LED light source includes only a single LED light source.

27. (Previously Presented) The lighting apparatus according to claim 6,
wherein the LED light source includes only a single LED light source.

28. (Previously Presented) The lighting apparatus according to claim 23,
wherein the LED light source includes only a single LED light source.

29. (Canceled)
30. (New) The lighting apparatus according to claim 1, wherein each of the reflecting surfaces is curved.
31. (New) The lighting apparatus according to claim 6, wherein each of the reflecting surfaces is curved.
32. (New) The lighting apparatus according to claim 23, wherein each of the reflecting surfaces is curved.
33. (New) The lighting apparatus according to claim 1, wherein said plurality of light-emitting diodes is white LEDs.
34. (New) The lighting apparatus according to claim 1, wherein said plurality of light-emitting diodes is red, green, and blue LEDs that are radially placed.
35. (New) The lighting apparatus according to claim 6, wherein said plurality of light-emitting diodes is white LEDs.
36. (New) The lighting apparatus according to claim 6, wherein said plurality of light-emitting diodes is red, green, and blue LEDs that are radially placed.

37. (New) The lighting apparatus according to claim 23, wherein said plurality of light-emitting diodes is white LEDs.

38. (New) The lighting apparatus according to claim 23, wherein said plurality of light-emitting diodes is red, green, and blue LEDs that are radially placed.